

Date: 03/23/21

City, State: Tulsa, OK

Certainty Index: Consistent

Narrative: Caller was seeking to report an animal exposure incident from a Seresto Flea and Tick Collar (active ingredients flumethrin and imidacloprid). Caller reported that since using this collar on her dog (caller unsure of start date), the dog has had three health related incidents. Caller reported her affected dog is a 10-year-old, female (spayed), Labrador retriever, and weighs 70 lbs. Caller reported the first incident to have occurred around 18 months ago. Caller reported this first incident as a "loss of coordination" for 5-10 minutes. Caller reported her dog couldn't stand up correctly and was sliding around on the hardwood flooring. Caller reported this to look like a "mini stroke". Caller reported the second incident to have occurred ~ 1 month after the first incident. Caller reported that her dog could not stand and was trembling for around an hour. Caller reported the trembling was "not spasming". Caller reported contacting her veterinarian during this incident and reported that they suggested bringing the dog in if it happened again or to take a video to show them. Caller reported the third incident to have occurred ~ 2 months later. Caller reported the dog to be "catatonic for a day" and reported her dog would not get up or drink any water during this time. Caller reported taking her dog into the vet the next morning, where the dog was treated with IV fluids and after some time she could move again. Caller reported that since these incidents her dog occasionally trips and stumbles. Caller reported that she has removed the collar in the last two months. Caller reported that she has four other dogs, who were also wearing collars during the same time period, but that they haven't had any signs or symptoms of toxicity. Caller reported taking the collars off of the other four dogs as well. Caller reported that none of the humans in the home have had any signs or symptoms of toxicity to the product. Caller reported that the affected dog was also on treatment for heartworms and that the product box indicated side effects similar to the ones she saw during the incidents. Caller reported she also stopped heartworm treatment when she stopped using the collar.

Discussed NPIC services, including sending incident information to EPA. Discussed the relationship between instructions for use on the product label and product risk assessments. Discussed the periodic review of data for future registration decisions regarding pesticide products. Resources Used: Small Animal Toxicology, 3rd edition